CIVIL TECH LABS

Accredited by NABL as per ISO / IEC 17025 : 2005

4 S, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027

Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division,
BBMP.

25th March 2015

Dear Sir,

Sub: Maintenance and repairs of chainlink fencing in ward no. 04, of Yelahanka Satellite Town sub division.
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Report of the above.

Thanking you,

For Civil Tech Labs,

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS

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T-2654

To,

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division,
BBMP.

23rd February 2015

Dear Sir,

Sub: Testing of Materials.

As requested, the required tests were carried out for the materials the samples supplied by you, for the work of **'Maintenance and repairs of chainlink fencing in ward no. 04, of Yelahanka Satellite Town sub division.'**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

Khushboo

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Quality Manager

AEE

CIVIL TECH LABS

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TEST REPORT

TEST ON CEMENT

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Maintenance and repairs of chainlink fencing in ward no. 04, of Yelahanka Satellite Town sub division
Name of the Agency	M/s. K. R. I. D. L.
Date of Testing	25/02/2015

Tests	Test Method As Per IS & Apparatus		Results		Requirements As Per IS 8112:1989	Remarks
	IS Code	Method	Value	Unit		
Initial Setting Time	IS-4031 (Part-5) 1988	VICAT	54	min	Not Less Than 30 Minutes	Satisfies Requirement
Final Setting Time	IS-4031 (Part-5) 1988	VICAT	486	min	Not More Than 600 Minutes	Satisfies Requirement
Soundness	IS-4031 (Part-3) 1988	LE-CHATELIER	5	mm	Not More Than 10 mm	Satisfies Requirement

Note:
1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the client.

Lab Incharge
Civil Tech Labs

CIVIL TECH LABS BANGALORE

AEE

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TEST REPORT

TEST ON FINE AGGREGATES Ref IS:383/2386

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BDMP
Name of Work	Maintenance and repairs of chainlink fencing in ward no: 04, of Yelahanka Satellite Town sub division.
Name of the Agency	M/s. K. E. I. D. L.
Date of Testing	23/02/2015
Specific Gravity	2.57

Sample	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970				Grading Zone
			ZONE-I	ZONE-II	ZONE-III	ZONE-IV	
River Sand	10	100	100	100	100	100	II
	4.75	97.5	90-100	90-100	90-100	95-100	
	2.36	84.5	60-95	75-100	85-100	95-100	
	1.18	73.2	30-70	55-90	75-100	90-100	
	0.6	46.7	15-34	35-59	60-79	80-100	
	0.3	24.6	5-20	8-30	12-40	15-50	
	0.15	8.4	0-10	0-10	0-10	0-15	

Note:
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4. The results are based on the test conducted on samples supplied by the customer.

Lab Incharge
Civil Tech labs

AEE

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TEST REPORT

TEST ON CEMENT CONCRETE PAVER BLOCKS

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of work	Maintenance and repairs of chainlink fencing in ward no. 04, of Yelahanka Satellite Town sub division.
Name of the Agency	M/s. K. R. I. D. L
Grade of Concrete	M-35
No. of Paver Blocks tested	8
Technical Reference	IS: 15658 : 2006

Compressive Strength

Sl.No	Date of Testing	Paver Block Type	Block Thickness in cms	Plan Area in mm²	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	23/02/2015	I type design	60.2	27586	980	35.53	36.39
2			60.1	27568	990	35.91	
3			60.3	27483	1000	36.39	
4			60.2	27568	1010	36.64	
5			60.1	27480	990	36.03	
6			60.3	27478	1010	36.76	
7			60.2	27467	1010	36.77	
8			60.3	27515	1020	37.07	

Water Absorption

SL.No	Date of Testing	Water Absorbion (% by weight)	Average (% by Wt.)	Requirements as per IS: 15658 : 2006
1	26/01/2015	5.1	5.20	When three units are tested the average water absorption shall not be more than 6% by mass and in individual samples, the water absorption should be restricted to 7 percent.
2		5.2		
3		5.3		

Note:

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4. The results are based on the test conducted on samples supplied by the client.

AEE

Lab Incharge
Civil Tech Labs

CIVIL TECH LABS BANGALORE